

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2015 Levee Inspection Results****Sacramento Maintenance Yard Willow Slough Bypass**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Sacramento Maintenance Yard Willow Slough Bypass

Waterway			Bank	Unit Miles
Unit No. 01 Willow Slough Bypass or North Levee			Left	5.05
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/16/2015 - 04/16/2015			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/16/2015 04/16/2015	Jai Lor

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0012_01_s _ 2013_6				
Action/Comments					
Inspector Comments: Sacramento Maintenance Yard has copies of their levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0012_01_s _ 2013_7				
Action/Comments					
Inspector Comments: Sacramento Maintenance Yard has a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0012_01_s _ 2013_8				
Action/Comments					
Inspector Comments: Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/16/2015 04/16/2015	Jai Lor

LM Start	0.05	Rating **	M	Issue No.	11
LM End	1.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.590784 °	38.590340 °
				-121.666139 °	-121.691985 °
DWR ID	DWR_ST0012_01_s _ 2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.29	Rating **	M	Issue No.	5
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.590698 °	38.600083 °
				-121.670652 °	-121.752892 °
DWR ID	DWR_ST0012_01_s _ 2015_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.95	Rating **	A	Issue No.	3
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.590584 °	38.600057 °
				-121.719707 °	-121.752780 °
DWR ID	DWR_ST0012_01_s _ 2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_ST0012_295_3_20150421_00002.jpg



View of the vegetation on the landward side of the levee looking upstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/16/2015 04/16/2015	Jai Lor

LM Start	2.96	Rating **	M	Issue No.	10
LM End	2.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.590563 °	38.590563 °
				-121.720003 °	-121.720003 °
DWR ID	DWR_ST0012_01_s _ 2015_10				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : SP_2015_ST0012_295_10_20150421_00004.jpg



View of the erosion on the landward side of the levee looking downstream. Spring 2015.

LM Start	3.37	Rating **	M	Issue No.	9
LM End	3.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.590650 °	38.590650 °
				-121.727581 °	-121.727581 °
DWR ID	DWR_ST0012_01_s _ 2015_9				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 1 : SP_2015_ST0012_295_9_20150421_00003.jpg



View of the depression on the crown of the levee looking downstream. Spring 2015.

LM Start	4.30	Rating **	M	Issue No.	4
LM End	4.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.598876 °	38.599845 °
				-121.739640 °	-121.745007 °
DWR ID	DWR_ST0012_01_s _ 2012_4				
Action/Comments					
Ditch					

Photo 1 of 1 : SP_2015_ST0012_295_4_20150401_00001.jpg



The agricultural ditch runs along the toe of the levee. Fall 2011

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Willow Slough Bypass or North Levee	Left	5.05	04/16/2015 04/16/2015	Jai Lor

LM Start	4.32	Rating **	M	Issue No.	1
LM End	4.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.598840 °	38.598840 °
				-121.739600 °	-121.739600 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:29303					
DS_ID:17684					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: PG&E may provide further info					
FIELD_STRUCT_DESC: 8-inch gas main pipeline through both levees.(PG&E).					
O&M manual 120, revision Dec 2010.					
FS Date: 05/28/2013					

No Photos

LM Start	5.09	Rating **	M	Issue No.	2
LM End	5.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.599940 °	38.599940 °
				-121.753530 °	-121.753530 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44951 DS_ID:17667 EP_NO: 15811 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No markers or other indication of pipe location. Needs to be marked. FIELD_STRUCT_DESC: Replace existing 4-inch diameter natural gas pipeline with an 8-inch diameter natural gas pipeline under the channel and within both banks of Willow Slough. Application No. 15811. FS Date: 05/05/2015					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Sacramento Maintenance Yard Willow Slough Bypass

Waterway			Bank	Unit Miles
Unit No. 02 Willow Slough Bypass or South Levee			Right	7.46
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/16/2015 - 04/16/2015			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	161
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.599100 °	38.599100 °
				-121.753260 °	-121.753260 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45283 DS_ID:17703 EP_NO: 15811 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner of pipe to place indicators on levee FIELD_STRUCT_DESC: Replace existing 4-inch diameter natural gas pipeline with an 8-inch diameter natural gas pipeline under the channel and within both banks of Willow Slough. Application No. 15811. FS Date: 05/14/2015					

No Photos

LM Start	0.04	Rating **	M	Issue No.	4
LM End	7.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599078 °	38.574468 °
				-121.753795 °	-121.638767 °
DWR ID	DWR_ST0012_02_s_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_ST0012_296_4_20150421_00008.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.04	Rating **	M	Issue No.	6
LM End	7.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599078 °	38.574468 °
				-121.753795 °	-121.638767 °
DWR ID	DWR_ST0012_02_s_2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	0.23	Rating **	C	Issue No.	160
LM End	0.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.599062 °	38.599062 °
				-121.750156 °	-121.750156 °
DWR ID	DWR_ST0012_02_f_2013_160				
Action/Comments					
Debris					

No Photos

LM Start	0.29	Rating **	M	Issue No.	7
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.598993 °	38.599047 °
				-121.749130 °	-121.744366 °
DWR ID	DWR_ST0012_02_s_2014_7				
Action/Comments					
Ditch					

Photo 1 of 1 : SP_2015_ST0012_296_7_20150401_00002.jpg



Agricultural ditch run along landside toe. Spring 2014

LM Start	1.77	Rating **	M	Issue No.	8
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589966 °	38.589966 °
				-121.727072 °	-121.727072 °
DWR ID	DWR_ST0012_02_s_2012_8				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_8_20150401_00003.jpg



Erosion on the edge of the channel. Fall 2012

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	2.04	Rating **	M	Issue No.	5
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589906 °	38.589906 °
				-121.722218 °	-121.722218 °
DWR ID	DWR_ST0012_02_s _ 2012_5				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 2 : SP_2015_ST0012_296_5_20150401_00001.jpg



Erosion on the edge of the channel. Fall 2012.

LM Start	2.04	Rating **	M	Issue No.	5 (cont)
LM End	2.04	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_ST0012_296_5_20150421_00009.jpg



View of the erosion on the edge of the channel on the water ward side of the levee looking downstream. Spring 2015.

LM Start	2.82	Rating **	M	Issue No.	10
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589691 °	38.589691 °
				-121.707740 °	-121.707740 °
DWR ID	DWR_ST0012_02_f _ 2014_10				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_10_20150401_00005.jpg



Erosion on toe road. Fall 2014.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	2.97	Rating **	M	Issue No.	9
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589686 °	38.589686 °
				-121.705041 °	-121.705041 °
DWR ID	DWR_ST0012_02_f_2014_9				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_9_20150401_00004.jpg



Erosion on toe road. Fall 2014.

LM Start	4.12	Rating **	M	Issue No.	12
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589548 °	38.589548 °
				-121.683679 °	-121.683679 °
DWR ID	DWR_ST0012_02_s_2015_12				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_12_20150421_00010.jpg



View of the erosion on the edge of the channel on the water ward side of the levee. Spring 2015.

LM Start	4.29	Rating **	M	Issue No.	11
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589550 °	38.589550 °
				-121.680632 °	-121.680632 °
DWR ID	DWR_ST0012_02_f_2014_11				
Action/Comments					
Note and monitor erosion site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	4.53	Rating **	M	Issue No.	162
LM End	4.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589575 °	38.589575 °
				-121.674950 °	-121.674950 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45285 DS_ID:546 EP_NO: 10319 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Material removed from inlet last fall. Outlet cleared FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 15.0 feet below the crown. Flap gate on the waterward end. (A.B.O. No. 10319 - Bell). O&M manual 120, revision Dec 2010. FS Date: 05/14/2015					

No Photos

LM Start	5.02	Rating **	M	Issue No.	14
LM End	5.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589572 °	38.589572 °
				-121.667144 °	-121.667144 °
DWR ID	DWR_ST0012_02_s_2015_14				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_14_20150421_00013.jpg



View of the erosion on the edge of the channel on the water ward side of the levee looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	5.02	Rating **	M	Issue No.	13
LM End	5.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.589572 °	38.589572 °
				-121.667143 °	-121.667143 °
DWR ID	DWR_ST0012_02_s _ 2015_13				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 2 : SP_2015_ST0012_296_13_20150421_00011.jpg



View of the crack on the water ward side of the levee. Spring 2015.

LM Start	5.02	Rating **	M	Issue No.	13 (cont)
LM End	5.02	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_ST0012_296_13_20150421_00012.jpg



View of the perspective of the cracking on the water ward side of the levee looking downstream. Spring 2015.

LM Start	5.05	Rating **	M	Issue No.	15
LM End	5.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.589570 °	38.589570 °
				-121.666588 °	-121.666588 °
DWR ID	DWR_ST0012_02_s _ 2015_15				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0012_296_15_20150421_00014.jpg



View of the erosion on the edge of the channel on the water ward side of the levee. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Sacramento Maintenance Yard Willow Slough Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Willow Slough Bypass or South Levee	Right	7.46	04/16/2015 04/16/2015	Jai Lor

LM Start	6.15	Rating **	A/W	Issue No.	16
LM End	6.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.587968 °	38.587968 °
				-121.647392 °	-121.647392 °
DWR ID	DWR_ST0012_02_s _ 2015_16				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: There seems to be a beaver dam blocking the channel.					

Photo 1 of 1 : SP_2015_ST0012_296_16_20150421_00015.jpg



View of a beaver dam in the channel. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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